

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=R14C08-p65.AD}attP40/CyO; P{y\[+t7.7\] w\[+mC\]=R15B01-GAL4.DBD}attP2/TM6B, Tb\[1\]](#)

RRID:BDSC_68294

Type: Organism

Proper Citation

RRID:BDSC_68294

Organism Information

URL: <https://n2t.net/bdsc:68294>

Proper Citation: RRID:BDSC_68294

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=R14C08-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R15B01-GAL4.DBD}attP2/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: This is Janelia line MB011B, from Aso et al., 2014 (<https://doi.org/10.7554/eLife.04577>). Homozygotes may be present. Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: p65(AD)::Zip+, trh, GAL4(DBD)::Zip-, Pde4, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 68294

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_68294, BL68294

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=R14C08-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R15B01-GAL4.DBD}attP2/TM6B, Tb[1]

Record Creation Time: 20240911T223038+0000

Record Last Update: 20260801T195810+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=R14C08-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R15B01-GAL4.DBD}attP2/TM6B, Tb[1].

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=R14C08-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R15B01-GAL4.DBD}attP2/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Reyes M, et al. (2026) Octopamine regulates neural circuits in the mushroom body and central complex, influencing sleep and arousal. *iScience*, 29(5), 115564.

Ullah H, et al. (2025) A distinct neural ensemble to integrate contradictory information and form long-term memory in *Drosophila*. *Science advances*, 11(33), eadv2441.

Draper IR, et al. (2024) *Drosophila* noktochor regulates night sleep via a local mushroom body circuit. *iScience*, 27(3), 109106.

Chiang MH, et al. (2023) Independent insulin signaling modulators govern hot avoidance under different feeding states. *PLoS biology*, 21(10), e3002332.

Wang CM, et al. (2023) Forgotten memory storage and retrieval in *Drosophila*. *Nature communications*, 14(1), 7153.

Wu MS, et al. (2023) Aversive conditioning information transmission in *Drosophila*. *Cell reports*, 42(10), 113207.

Hobin M, et al. (2022) The *Drosophila* microRNA bantam regulates excitability in adult mushroom body output neurons to promote early night sleep. *iScience*, 25(9), 104874.

Weiss JT, et al. (2021) Sleep deprivation results in diverse patterns of synaptic scaling across the *Drosophila* mushroom bodies. *Current biology : CB*, 31(15), 3248.

Scaplen KM, et al. (2021) Transsynaptic mapping of Drosophila mushroom body output neurons. *eLife*, 10.

Lerner H, et al. (2020) Differential Role for a Defined Lateral Horn Neuron Subset in Naïve Odor Valence in Drosophila. *Scientific reports*, 10(1), 6147.

Tsao CH, et al. (2018) Drosophila mushroom bodies integrate hunger and satiety signals to control innate food-seeking behavior. *eLife*, 7.